

## EAST Search History

L10	4	3 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 01:37
L11	4422007	accelerometer mass near3 case greater near3 "at least two times" same mass near5 shell or cover or housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 01:43
L12	4415934	accelerometer or geophone or sensor and mass near3 case greater near3 "at least two times" same mass near5 shell or cover or housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 01:43
L13	1933	5 and 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 01:46
L14	4	4 and 13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 01:44
L15	4412058	accelerometer or geophone and mass near3 case greater near3 mass near5 shell or cover or housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 01:48
L16	0	15 and "at least two times greater"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 01:49
L17	928	15 and "two times greater"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 01:53
L18	0	5 and 17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 01:50

## EAST Search History

L19	35	3 and 17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 01:50
L20	6	15 and mass near3 "two times greater"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 01:55
L21	4390202	15 and mass near5 "two times greater" near5 mass same shell or housing or cover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/05 01:56
L22	0	electrone near5 shell near5 case same "relative motion"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 02:03
L23	0	electrode near5 shell near5 case same "relative motion"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 02:03
L24	2886542	electrode near5 shell same external adj2 case or cover or housing same "relative motion"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 02:04
L25	336484	2 and 24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 02:04
L26	367	5 and 25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 02:04

## EAST Search History

L27	4	3 and 26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 02:04
S1	0	("(motionordisplacementoraccelerati onorspeedorvelocity)same(accelero meterorgeophone)sameelectrodesa me(housingorshellorencllosureorcover )samesamemass").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/05 20:20
S2	3393	(geophone or accelerometer or sens\$4 or detect\$4) same (motion or displacement or movement or velocity or acceleration) same electrode same mass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 20:22
S3	0	(geophone or accelerometer or sens\$4 or detect\$4) same (motion or displacement or movement or velocity or acceleration) same electrode same mass same (housing or shell or enclosure or cover) same polivinylnear3 chloride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 20:23
S4	0	(geophone or accelerometer or sens\$4 or detect\$4) same (motion or displacement or movement or velocity or acceleration) same electrode same mass same (housing or shell or enclosure or cover) same polivinylnear3 chloride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 20:23
S5	61	(geophone or accelerometer or sens\$4 or detect\$4) same (motion or displacement or movement or velocity or acceleration) same electrode same mass same (housing or shell or enclosure or cover) same (soil or ground or reference near3 surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 20:25
S6	457	(geophone or accelerometer or sens\$4 or detect\$4) same (motion or displacement or movement or velocity or acceleration) same electrode same mass same (housing or shell or enclosure or cover)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 20:25

## EAST Search History

S7	169	(geophone or accelerometer or sens\$4 or detect\$4) same (motion or displacement or movement or velocity or acceleration) same electrode same mass same (housing or shell or enclosure or cover) same (casing or cavity or chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 20:41
S8	31844	(shell or housing or enclosure or cover or protecT\$4 or barrier or insulat\$4) same polyvinyl near3 chloride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 20:45
S9	319	(shell or housing or enclosure or cover or protecT\$4 or barrier or insulat\$4) same polyvinyl near3 chloride same (accelerometer or geophone or sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 20:42
S10	223184	"73"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 20:42
S11	37	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 20:45
S12	0	S9 and S10 and tungsten	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 20:45
S13	185	(shell or housing or enclosure or cover or protecT\$4 or barrier or insulat\$4) same polyvinyl near3 chloride same tungsten	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:02
S14	1	S10 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 20:46
S15	50	fluid same coefficient same greater near3 two	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:07

## EAST Search History

S16	1	fluid same coefficient same greater near3 two same glycol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:05
S17	0	fluid same coefficient same greater near3 two same ethylene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:05
S18	11822	fluid same ethylene same glycol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:07
S19	0	fluid same ethylene same glycol same "dielectric coefficient" same viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:08
S20	2539	fluid same ethylene same glycol same viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:08
S21	63	fluid same ethylene same glycol same viscosity same dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:15
S22	245	fluid same ethylene same glycol same viscosity same centipoise	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:35
S23	1	(battery or capacitor) same fluid same ethylene same glycol same viscosity same centipoise	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:34
S24	0	(housing or backing or shell) same (sens\$4 or detect\$4) same fluid same ethylene same glycol same viscosity same centipoise	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:35
S25	261	fluid same ethylene same glycol same viscosity same centipoise same3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:35

## EAST Search History

S26	0	fluid same ethylene same glycol same viscosity same centipoise same (accelerometer or geophone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:36
S27	2	fluid same ethylene same glycol same viscosity same centipoise same sens\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:54
S28	217	fluid same ethylene same glycol same dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 21:54
S29	13	fluid same ethylene same glycol same dielectric same sens\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:21
S30	846	ring same increas\$4 near3 fluid same velocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:22
S31	32	ring same (shell or housing near3 case or cavity) same increas\$4 near3 fluid near3 flow same velocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:26
S32	1	"orifice ring" same (shell or housing or enclosure) same increas\$4 near3 fluid near3 flow same velocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:29
S33	73	"orifice ring" same (shell or housing or enclosure) same fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:29
S34	22	"orifice ring" same (shell or housing or enclosure) same fluid same increas\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:33
S35	4	"3479886".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:43

## EAST Search History

S36	24	battery near3 cone same shape	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:54
S37	0	(accelerometr or geophone or "capacitive accelerometer") same battery near3 cone same shape	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:55
S38	7462026	e	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:55
S39	0	(accelerometer or geophone or "capacitive accelerometer") same battery near3 cone same shape	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:56
S40	0	(sens\$4 or detect\$4) same battery near3 cone same shape	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:56
S41	1708	(housing or case or chamber) same battery and cone same shape	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:57
S42	359	(housing or case or chamber) same battery same cone same shape	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:59
S43	0	(housing or case or chamber) same battery same cone same shape same accelerometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 22:59
S44	5	(housing or case or chamber) same battery same cone same shape same damp\$4 same mass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 23:00
S45	6	(housing or case or chamber) same (battery or capacitor) same cone same shape same damp\$4 same mass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 23:01

## EAST Search History

S46	2	battery adj1 cone near3 shape	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 23:06
S47	56	(housing or shell or enclosure) same cone near3 shape same battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 13:05
S48	3	(housing or shell or enclosure) same cone near3 shape same battery same mass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 23:06
S49	25	radio same (housing or shell or enclosure) same geophone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/05 23:17
S50	2	"6609069".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 13:27
S51	2	electrode same "relative motion" same (mass or "proof mass") same ("external case" or case) same (geophone or accelerometer or (sens\$4 or detect\$4)) near3 (motion or displacement)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 13:32
S52	1	electrode same "relative motion" same (mass or "proof mass") same ("external case" or case) same (geophone or accelerometer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 13:32
S53	4	"4020919".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 14:39
S54	2	"4899845".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 14:46



## EAST Search History

S55	0	2005/017710	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 14:46
S56	5	2005/0171710	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 15:46
S57	0	2003/0179103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 14:49
S58	1	2002/0104379	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 14:50
S59	2702592	shell or housing or cover near3 external same "light material" or PVC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/01 15:46
S60	6816440	case or chamber or cavity near5 tungsten	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 15:48
S61	151	batter\$4 same nose adj1 cone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 15:48
S62	68	S59 and S60 and S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 15:58

## EAST Search History

S63	6	"2411117".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/02 19:16
S64	1	("2411117").URPN.	USPAT	OR	ON	2007/02/01 17:09
S65	0	10/712874	USPAT	OR	ON	2007/02/01 17:09
S66	1	10/712874	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 17:24
S67	517	345/177	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 17:25
S68	0	S66 and "diffusion portion" and "parallel inclined lines"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 17:26
S69	0	S66 and diffusion near5 parallel adj2 line	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 17:26
S70	1	S66 and diffusion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 17:26
S71	1	("2411117").URPN.	USPAT	OR	ON	2007/02/02 18:20

## EAST Search History

S72	2	"6729186".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/02 19:17
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